

Term Contract No. 765-i

| STATE OF NORTH CAROLINA, DEPARTMENT OF ADMINISTRATION | | |
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| DIVISION OF PURCHASE AND CONTRACT | | |
| 116 West Jones Street, Raleigh, NC 27603-8002 | | |
| Term Contract | 765-i | Spreaders, Truck Mounted in Body |
| Effective Dates | March 31, 2011 through March 30, 2014 | |
| Bid Number | 201100262 | |
| Administrator | Mike Brendle | |
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| E-Mail | tmike.brendle@doa.nc.gov | |
| Last Updated | April 9, 2012 | |

1. General Information

The scope of this contract is intended to cover the State's normal requirements for Material Spreaders as specified herein for use by all State Agencies, Institutions, and all Public Schools except those exempt by Statute noted herein. As per House Bill 490, Community Colleges have the flexibility to not use this contract if they can locate the item(s) that is the same or substantially similar in quality, service, and performance as items available under State term contracts and the delivered price is less than that on term contract with all features, terms, and conditions being the same.

NON-STATE AGENCIES ELIGIBLE TO PARTICIPATE IN THIS CONTRACT

In accordance with North Carolina General Statutes, certain non-state entities described below, may participate in this contract on a voluntary basis. Any of the non-state entities that choose to participate in this contract must abide by the terms and conditions that are set forth in this contract.

Nonprofit corporations operating charitable hospitals, local nonprofit community sheltered workshops or centers that meet standards established by the Division of Vocational Rehabilitation of the Department of Health and Human Services, private nonprofit agencies licensed or approved by the Department of Health and Human Services as child placing agencies, residential child-care facilities, private nonprofit rural, community, and migrant health centers designated by the Office of Rural Health and Resource Development, private higher education institutions, counties, public school units, cities, towns, governmental entities, volunteer fire departments, rescue squads, and other subdivisions of the State and public agencies thereof

2. Scope of Contract

This statewide term contract is for the purchase of a hydraulic powered all-purpose chain conveyor V box, type 5 & 10 cubic yard hopper body spreader. Spreaders will be used for the distribution of salt, Chlorides and other mixtures. The units offered shall be new, unused and a current model under standard production by the manufacturer.

3. Taxes

Prices or Discounts shown herein do not include any North Carolina sales or use taxes.

4. Abnormal Quantities

With the exception of NC Dept. of Transportation, any agency requirement that exceeds 10 units must be forwarded to the Division of Purchase and Contract for processing. The Division, at its sole discretion, may process any such requirement in one of the following ways:

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1. Purchase may be authorized at the current level of pricing with the current contract vendor(s)
2. Additional discounts from the current level of pricing may be negotiated with the current contract vendor(s)
3. A separate Invitation for Bids may be issued for the requirement

5. Minimum Orders

This contract will be for a minimum order of 1 for any single order.

6. Placement of Orders

Orders will be placed throughout the contract period on an as-needed basis for the quantity required at the time, and will be issued directly to the respective contractor(s) or their designated suppliers. Contract changes, if any, over the life of the contract are implemented by contract addenda released by the Contract Administrator to the contractor. If the contractor is accepting orders and/or delivering through other parties, for example a manufacturer accepting orders and delivering through a dealer network or dealers receiving orders through a network of other dealers, then it is the responsibility of the contractor to apprise such parties of all such contract addenda.

Placement of Orders

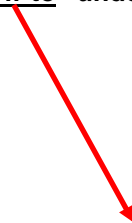
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Order Placement Via E-Procurement (Catalog Items)

- a. Click on the following link: [E-Procurement Users](#)
- b. When placing an order in the e-procurement system, the very first thing to do is to go to the catalog tab and select options. After you have selected options, select contract ID. In the contract ID space type in the contract ID number, 765I.
- c. Please make sure the keywords space is blank and the contract ID is typed in the contract ID section.
- d. After selecting the contract ID and to narrow the search to a particular manufacturer select the manufacturer from the drop down
- e. When the item to be ordered has been located complete the requisition and issue the purchase order.

Non E-Procurement Users:

The E-Procurement Public View will be the only place for Non E-Procurement Users to view the item/pricing information.

- a. Click on the following link: [E-Procurement Public View](#)
 - b. **For online assistance regarding item searching; click on the “How to” underlined link located near the upper-right hand corner.**
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Arriba Buyer - Microsoft Internet Explorer provided by NC Department of Administration

Address: http://contracts.ncgov.com/Buyer/Main.asp?auth=

Public View
your service

Catalog Browser

Explore
Catalogs

Explore Catalog

To locate a catalog item to add to your request, search by keyword or select more search options, enter their search values, and then search. You can also browse within a category or subcategory for items to add to your request or favorites group(s).

[How To](#)

Keywords (And): Search Reset Options *

Keywords (Or): Supplier: - Select - (>20 choices)

Exact Phrase: Manufacturer: - Select - (>20 choices)

Exclude Words: Type Name: - No Choice -

Contract ID: Language: - Select - (1 choice)

Bundle ID: Commodity Code:

Supplier Part #: Mfg. Part #:

Price: To: ETA (Days): To:

72,000 items found View By: Category

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| AGRICULTURAL EQUIPMENT, SUPPLIES & CHEMICALS (370) | APPLIANCES, ELECTRICAL, CLOCKS (10976) |
| AGRICULTURAL EQUIPMENT AND SUPPLIES (80) | APPLIANCES (10060) ELECTRICAL EQUIPMENT (900) |
| CHEMICALS (290) | |
| BUILDING MATERIALS, MAINTENANCE (10622) | CLOTHING & TEXTILE ITEMS (1412) |
| BUILDING MATERIALS (9740) JANITORIAL SUPPLIES AND | CARPET AND FLOOR MAINTENANCE AND MACHINES (700) CLOTHING AND |
| EQUIPMENT (487) PAINT AND PAINT MATERIALS (319) ... | APPAREL (686) TEXTILE ITEMS (77) ... |
| EDUCATIONAL & ATHLETIC EQUIPMENT, SUPPLIES (505) | FOOD & RELATED ITEMS (1750) |
| EDUCATIONAL EQUIPMENT AND SUPPLIES (505) | 160-00: BUTCHER SHOP AND MEAT PROCESSING EQUIPMENT (19) 165-00: |
| FURNITURE (OFFICE, EDUCATIONAL AND HEALTH CARE) (15970) | CAFETERIA AND KITCHEN EQUIPMENT COMMERCIAL (150) 240-00: CUTLERY, |
| 415-00: FURNITURE: LABORATORY (6) 420-00: FURNITURE | DISHES, PLATWARE, GLASSWARE, TRAYS, UTENSILS, AND SUPPLIES (628) ... |
| CAFETERIA, CHAPEL, DORMITORY, HOUSEHOLD, LIBRARY, LOUNGE, | |
| SCHOOL (4672) 425-00: FURNITURE: OFFICE (11900) | HIGHWAY CONSTRUCTION EQUIPMENT, GROUNDS (4205) |
| MACHINES, TOOLS, MATERIAL HANDLING (4655) | HIGHWAY CONSTRUCTION EQUIPMENT AND SUPPLIES (4190) GROUNDS |
| MACHINES AND TOOLS (4636) MATERIAL HANDLING | MAINTENANCE/LANDSCAPE/PLAYGROUND (15) |
| EQUIPMENT (19) | MEDICAL & LAB EQUIPMENT & SUPPLIES (9727) |
| | DRUGS & MEDICINES (24) LABORATORY EQUIPMENT AND SUPPLIES (5727) |
| | MEDICAL EQUIPMENT AND SUPPLIES (3976) |

7. Delivery

In the event the delivery is not received within the contract delivery period, the contractor may be held in default in accordance with paragraph 1, DEFAULT AND PERFORMANCE BOND in the North Carolina General Contract Terms and Conditions, and the state may procure the articles or services from other sources and hold the contractor responsible for excess cost occasioned thereby.

90 days

8. Transportation Charges

All goods shall be delivered FOB DESTINATION when the "order value" is 1 unit or more, when shipped to a single destination.

NOTE: If the contractor makes partial shipments of an order equal to or more than this "order value" to one destination, all shipments of the order shall be sent FOB DESTINATION with NO additional transportation charges added.

Note! All shipments should be inspected for damage immediately upon receipt.

9. Unit Item Pricing Information-see section 6 above

10. Price Lists and Catalogs

The successful contractor must furnish descriptive literature to any agency within seven (7) consecutive days after request of the agency. Failure to comply with these requirements may subject the contractor to removal from the contract.

11. Contractors

All known minority, women and disabled owned businesses, as well as disabled business enterprises and nonprofit work centers for the blind and severely disabled, including dealers, will be identified with "Minority owned" "Woman owned", "Disabled Owned", "DBE" or "BSD" as appropriate after the vendor number. This is being done in an effort to recognize these businesses and to encourage and promote their use to the greatest extent permitted by law.

When more than one supplier is listed for a particular item, selection should be made, whenever possible, from any of the groups identified above, consistent with agency needs and price considerations.

| Contractor Name | Address / Federal ID | City, State, Zip | Contact, Phone, Fax |
|--------------------------------|---|------------------|---|
| Flink Snow Plows and Spreaders | 502 N. Vermillion St., Streator, IL 61364 | | Dan Palmer-815.674.5982 P 815.672.2678 |
| | Call vendor for Federal ID number | | |
| ORDERING INFORMATION-SEE ABOVE | | | |
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12. Warranty

The contractor guarantees items offered to be free from any and all defects in material, packaging, and workmanship and agrees to replace defective items promptly at no charge to the State, for a period of the mfr. standard warranty.

13. Substitutions

Substitutions are not permitted without prior approval of the Division of Purchase and Contract. Failure of the contractor to comply with this requirement may result in the removal of the contractor from the contract.

14. Specifications

ORDERING AGENCIES ARE STRONGLY ENCOURAGED TO CONFIRM SPECIFICATIONS PRIOR TO PLACING THEIR ORDER.

General Specification for 5 & 10 cubic yard Material spreaders bodies

GENERAL:

This specification describes a truck engine driven, hydraulic pump powered, chain conveyor type, 5 and 10 cubic yard (nominal) hopper in body V-box.
It will be used for the distribution of salt, sand, chlorides and other mixtures.

Material spreader body 5 cubic yard:

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| a. | Make: Flink |
| b. | Model: LMC5H |
| c. | BLANK: |
| d. | Overall length-10' 9" |
| e. | Hopper length at the top -9' |
| f. | Height to top of hopper -52" |
| g. | Overall width -80" |
| h. | Capacity in yards-5.0 CY, 5.7 CY Heaped |
| i. | Weight of complete unit-,2725 lbs |
| j. | Complete hydraulic connection kit with all the necessary components must be provided. Kit should include quick couplers, 2 hoses with 6 Ft. length, 2 hoses with 5 Ft. length, tee connection with reducer, rubber caps and any other needed components. |

Material spreader body 10 cubic yard:

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| a. | Make: Flink |
| b. | Model: LMC5H |
| c. | BLANK |
| d. | Overall length -13' 9" |

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| e. | Hopper length at the top -13' |
| f. | Height to top of hopper -60" |
| g. | Overall width -80" |
| h. | Capacity in yards- 10 CY, 10.9 CY Heaped |
| i. | Weight of complete unit-3,365 lbs |
| j. | Complete hydraulic connection kit with all the necessary components must be provided. Kit should include quick couplers, 2 hoses with 6 Ft. length, 2 hoses with 5 Ft. length, tee connection with reducer, rubber caps and any other needed components. |

Hopper Body

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| a. | full welded construction of 10 gauge high grade steel with double crimped top edge forming a 2 inch section for better rigidity. |
| b. | Body sides and ends shall be 10 gauge steel and must have minimum 40 degree pitch to ensure free flow of material to the conveyor. |
| c. | A maximum width for the top of the slop shall not exceed 81 inches bed opening for both 5 & 10 cu. |
| d. | The hopper must have a sloped front with a top hopper length of 108 inch to 120 inch for the 5 cu. |
| e. | The hopper must have a sloped front with a top hopper length of 156 inch for the 10 cu. |
| f. | Hopper body must clear the dump body hydraulic cylinder hoist housing (doghouse) with a minimum of 2 inch when properly mounted. |
| g. | There shall be 10 gauge formed side supports that extend the full angle height spaced on 2 ft-centers. |
| h. | The body longitudinal must be manufactured of 7 gauge steel, and electrically welded into a solid unit with continuous welds between the outside joint to prevent a pocket of rust. |
| i. | Bottom support channels must be a minimum 3 inch structural steel to provide a rigid base for the longitudinal supports and side support. |
| j. | The cross supports provide spreader to truck bed support. |
| k. | A 6 inch X 4 inch X 3/8 inch wall rectangular tube must be elevated 6 inch above the top edge of the hopper providing a longitudinal brace and hinge |

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| | point for the top screens This tube shall be mounted outside of spreader thereby countering the forces exerted by the material. |
| l. | There shall be 2 inch X 2 inch angle iron welded from side to side for additional side support. |
| m. | The top of the body must have enough strength and rigidity for the top screens. |
| n. | Unit must have 4 heavy welded steel lifting eyes with an inside diameter of 2 2/3 inch. One is located at each corners of the hopper. |
| o. | Shall be "slip in" truck body mounting. |

Conveyor Assembly:

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| a. | Material shall be conveyed from hopper to rear mounted spinner by means of a minimum 18 inch wide bar flight. conveyor. | |
| b. | Flights shall be on a maximum of 4 1/2 inch centers and with minimum 1/4 inch X 1 1/2 inch in cross section, with rollers and tensile rating of 20,000 as minimum. | |
| c. | Chain must be of riveted type construction with stainless steel cotter pin disconnects. | |
| d. | Self-cleaning Pintle type conveyor chain with minimum tensile rating of 20,000 pound per strand. | |
| e. | Bolt on protection, to protect the chain link strands, the top edge of the longitudinal must be formed down over the strands exposing only the drag chain bar to the material. | |
| f. | The side plates for conveyor chain adjustment and conveyor chain wear plate must be a minimum of 1/4 inch abrasion resistant steel. | |
| g. | Conveyor idler sprockets shall be adjustable for chain tension and shall have a minimum of 3 inch adjustment on each side. adjustment shall be by a spring cushioned 3/4 inch stainless steel threaded member that slides on stainless steel bearing adjusters. | |
| h. | Conveyor must discharge materials into a spinner disc through a calibrated quality designed enclosed chute opening which is equipped with an easy adjustable fee gate that is controlled with a screw type self locking gate jack with a non-corrosive non-lube universal joint. | |
| i. | Conveyor and spinner shall be hydraulic powered from the truck hydraulic pump. The gear box shall be sealed type with all gears and bearings running in an oil bath and 50:1 ration. | |

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| j. | Conveyor drive shaft shall be a minimum of 2 inch diameter, bearing mounted with grease fittings. | |
| k. | Sprockets shall be cast steel and keyed or splined to the shaft. | |
| l. | Conveyor drive must have sufficient power to start conveyor without any damages to any component under adverse fully loaded conditions. | |
| m | Hopper body shall have a hinged rear dump gate to accommodate fast unloading of the unused material without use of spinner/discharge chute. | |
| n. | The fast unload feature shall be accomplished without removal of spinner/discharge chute. | |
| o. | Fast unload, also could be accomplished by an oversized feedgate door and fast conveyor speed unload without using spinner/discharge chute. | |

Spinner Drive & Deflector Assembly:

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| a. | Material spreader disc (spinner) must be polyurethane construction, with minimum 18 inches in diameter, minimum of six (6) molded into disc vanes in counter clockwise rotation |
| b. | Four (4) chute mounted deflectors shall be provided to regulate the pattern of spread from 8 Ft. through 40 Ft. |
| c. | Deflectors and distributor disc shall be adjustable vertically for various body heights. |
| d. | The distributor disc shall be hydraulically powered, preferably by direct connections to a hydraulic motor underneath the spinner. |

Conveyor Bridge:

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| a. | An adjustable in height inverted “V” shield with minimum 10 gauge steel must be provided to relieve the load on the conveyor chain. |
| b. | The Inverted “V” leg must not rest on spreader body creating a rust pocket. Unless it has a rubber mounting pads as a barrier between the two. |

Top Screen:

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| a. | A sectional to grids shall be provided, fully supported on four (4) sides and hinged with a minimum of two (2) hinges on the fourth side. |
| b. | Grid openings must be formed by 3/8 inch round iron on approximately 2 1/2 inch centers. |
| c. | Top screens shall be designed that no unnecessary gaps are created between the sections. Each section must be as close to other as possible. |

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| d. | A minimum of six (6) sections must be provided by hopper to reduce the weight of each top screen. |
| e. | Screen sizes shall not exceed 4 X 4 foot section. |
| f. | The top screen shall be hot dipped galvanized or powder coated for corrosion protection. |

Spreader Hold Down Equipment for Dump Body Mounting:

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| a. | Securing spreader to top edge of dump body must be done without drilling or welding to dump body. |
| b. | Unit must have four (4) heavy welded steel lifting eyes with an inside diameter of 2 2/3 inch, one at each corner of the hopper. Shall be for "Slip in" truck body mounting. |
| c. | Must have four (4) load binder type, adjustable hold down devices, two (2) for each side. |
| d. | Hold down shall have a 15 inch minimum adjustment. |

Wet Coating for the Entire Body:

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| a. | Unit must be chemically cleaned with a bath of phosphate solution. |
| b. | Unit must be primed with zinc chromate primer prior to finish paint. |

Requirements for Electric Spray System:

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| a. | The electric motor/pump combination shall be a 12-volts DC., three chamber diaphragm pump with internal circuit breaker. |
| b. | The pump must be polypropylene with seal consist of vitron/santoprene combination. |
| c. | The pump must be have rate at 2.8 GPM. |
| d. | Output of the pump must remain constant regardless of conveyor/spinner speed. |

Controls:

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| a. | The sprayer control console shall include a spray system on/off switch, power on indicator light (green), variable pump flow control knob, low pressure light (red), illuminated console light, and alarm for empty tank/inadequate nozzle indication. |
| b. | One piece harness with sealed "weather-pack" connectors and disconnect must be included with the system. |

Sprayer Reservoir for the Five (5) Cubic Yard Spreader:

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| a. | There must be two (2) 80 gallons each (minimum capacity), polyethylene rotation molded reservoir baffled to reduce surging. Must have a replaceable screen line strainer, shut off valves and mounting hardware. |
| b. | Both reservoirs must be formed to allow for mounting to each side of the spreader without interference with dump body |
| c. | Maximum overall installed width of tanks 80 inches. |

Sprayer Reservoir for the Ten (10) Cubic Yard Spreader:

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| a. | There must be two (2) 130 gallons each (minimum capacity), polyethylene rotation molded reservoir baffled to reduce surging. Must have a replaceable screen line strainer, shut off valves and mounting hardware. |
| b. | Both reservoirs must be formed to allow for mounting to each side of the spreader without interference with dump body |
| c. | Maximum overall installed width of tanks 80 inches. |

Nozzles:

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| a. | Minimum of two (2) brass spray nozzles equipped with flexible neoprene nozzles that vary in orifice sized based on the liquid flow and mounting hardware. |
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Leg Stands:

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| a. | The spreader must come equipped with a storage stand system designed to be bolted or welded directly to the spreader. |
| b. | The skid type arrangement must be constructed entirely of structural tubing. |
| c. | The main frame on which the hopper will mount must be constructed for minimum of 4inch X3 inch X 1/4 inch tubing. |
| d. | Must have a sufficient lateral bracing constructed of 3 inch X 4 inch X 1/4 inch tubing to support the hopper. |
| e. | The forward "Leg" shall be constructed of 3 1/2 inch X 3 1/2 X 3/16 inch tubing and must be adjustable in height and designed to fold up as the vehicle backs underneath the stand. |
| f. | Manufacturer standard cast iron wheels with greasable steel ball bearings, must be mounted at the main frame to allow the unit to roll into the vehicle. |
| g. | Rear "legs" shall be of a self-storing telescopic design. |

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| h. | The lower "Leg" shall be constructed of minimum of 3 1/2 inch X 3 1/2 inch X 3/16 inch tubing and must telescope inside the upper "Leg" which must be constructed of 4 inch X 4 inch X 3/16 inch tubing for storage. |
| i. | The rear "Legs" shall extend beyond the spinner assembly to help protect the spinner assembly from accidental damages. |
| j. | Lower rear legs must be equipped with manufacturer standard mounted foot to provide additional stability during loading and unloading operations. |
| k. | All metal shall have the mill scale removed by means of shot blasting. |
| l. | The unit must then go through a series of high-pressure chemical wash and rinse stages. |
| m. | A powder resin shall be applied to all metal surfaces, immediately following the application of the powder. The steel must then be heated to a minimum of 375 degrees for no less than ten (10) minutes. |
| n. | The finished product (leg stands) must be black in color. |

15. Additional information-**TRAINING: NON-NCDOT**

Training is required and the successful vendor shall provide a qualified representative to instruct the owners operators in the proper operation, routine maintenance, safety and service at time of delivery.

COLOR:

Manufacture standard color(s)

16. Contract Addenda

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| 1 | August 4, 2011 | Change in contract vendor |
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